

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	rottenberg-dan.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 13:25
S2	4	braun-ori.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 13:25
S3	1	abazakay-avraham.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 13:25
S4	60	shmulewitz-ascher.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 13:26
S5	3	rozy-yoram.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 13:26
S6	14	keren-gad.in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 13:26
S8	342	(137/81.1).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:36
S9	27	(137/15.21).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:36
S10	56	(137/15.22).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:36
S11	24	(137/15.23).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:36
S12	26	(137/15.24).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:37
S13	55	(137/15.25).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:37
S14	110	(623/1.26).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/19 13:47

S15	89	("20040162514" "20050033351" "20050165344" "3874388" "4662355" "4705507" "4979955" "4995857" "5186431" "5267940" "5290227" "5326374" "5332402" "5334217" "5409019" "5429144" "5500015" "5556386" "5584803" "5597377" "5655548" "5662711" "5795307" "5916193" "5957949" "6126686" "6210318" "6217541" "6254564" "6270526" "6277078" "6302892" "6344022" "6358277" "6447539" "6458153" "6468303" "6544208" "6562066" "6572652" "6589198" "6632169" "6641610").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 14:36
S16	18	("20040162514" "20050033351" "20050165344" "3874388" "4662355" "4705507" "4979955" "4995857" "5186431" "5267940" "5290227" "5326374" "5332402" "5334217" "5409019" "5429144" "5500015" "5556386" "5584803" "5597377" "5655548" "5662711" "5795307" "5916193" "5957949" "6126686" "6210318" "6217541" "6254564" "6270526" "6277078" "6302892" "6344022" "6358277" "6447539" "6458153" "6468303" "6544208" "6562066" "6572652" "6589198" "6632169" "6641610").PN. and continu \$5 and rigid	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/19 17:07
S17	2	("20020165606").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/20 10:28

S18	42	("3233610" "3370305" "3476355" "3491756" "3696674" "3926175" "3927422" "3959827" "3974854" "4038702" "4601309" "4605408" "4661107" "4769032").PN. OR ("4979955").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 10:34
S19	30	(623/2.2).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/20 10:52
S20	25	heart same valve same control with remote	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 12:42
S21	11	septum and shunt and valve same control with remote	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 12:47
S22	10	heart and shunt and valve same control with remote	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 12:48
S23	162	heart and shunt and valve and control with remote	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 12:51
S24	26	heart with shunt and valve and control with remote	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 12:55
S25	229	("20010004683" "20010004690" "20010004699" "20010008969" "20010012948" "20010014813" "20010016700" "20010025643" "20010027287" "20010034547" "20010037117" "20010037149" "20010039426" "20010039445" "20010041902" "20010047165" "20010053932" "20020002349" "20020004662" "20020004663" "20020007138" "20020029079" "20020032476" "20020032478" "20020033180" "20020045928" "20020049486" "20020058897"	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 14:54

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S27	190	heart and pulmonary edema and shunt same valve	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 15:04
S28	2	("4995857").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/20 19:37

S29	89	("20040162514" "20050033351" "20050165344" "3874388" "4662355" "4705507" "4979955" "4995857" "5186431" "5267940" "5290227" "5326374" "5332402" "5334217" "5409019" "5429144" "5500015" "5556386" "5584803" "5597377" "5655548" "5662711" "5795307" "5916193" "5957949" "6126686" "6210318" "6217541" "6254564" "6270526" "6277078" "6302892" "6344022" "6358277" "6447539" "6458153" "6468303" "6544208" "6562066" "6572652" "6589198" "6632169" "6641610").PN.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 19:43
S30	18	S29 and (increas\$3 with flow with pressure)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/03/20 19:43
S31	129	("4625712" "4662355" "4704121" "4779614" "4846152").PN. OR ("4995857").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 19:53
S32	24	("4625712" "4662355" "4704121" "4779614" "4846152").PN. OR ("4995857").URPN. and (increas\$3 with flow with pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 19:54
S33	162	adjust\$4 same pressure same threshold same (heart or ventricle or artery or aorta)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 20:37
S34	106	adjust\$4 same pressure same threshold same (heart or ventricle or artery or aorta) and valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 20:37
S35	41	adjust\$4 same pressure same threshold same (heart or ventricle or artery or aorta) same valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/20 20:37
S36	2	("5662711").PN.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/24 10:01

S37	835	(604/8).CCLS.	US-PGPUB; USPAT; DERWENT	OR	OFF	2008/03/24 11:12
S38	2	("6527698").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/01/01 11:02
S39	54	("3206768" "3426743" "3430624" "3599244" "3636570" "3663966" "3668708" "3734648" "3771174" "3783453" "3824420" "3842440" "3878567" "3919722" "3966358" "4133616" "4162543" "4231354" "4255821" "4296500" "4369530" "4588404" "4600405" "4650485" "4652265" "4662358" "4666443" "4781716" "4820300" "4822357" "4888011" "4981484" "5030197" "5041748" "5100374" "5227062" "5267940" "5300111" "5314469" "5352180" "5385581" "5743845" "5809831" "5809833" "5819345" "5888242" "5895421" "5980571" "6176822").PN. OR ("6527698").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 11:02
S40	2	("5662711").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/01/01 11:08
S41	32	("4195623" "4302854" "4552552" "4553956" "4938766" "4995857" "5192310" "5267940" "5411550" "5411551" "5437601").PN. OR ("5662711").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 11:51

S42	22	("3538917" "3749098" "3750194" "3810259" "3863622" "4118805" "4146029" "4256093" "4256094" "4828544" "5509888" "5571121" "5662711" "5704893" "5769877" "5771903" "5847447" "5879320" "5938669" "6470892" "6531964").PN. OR ("7128750").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 11:54
S43	89	valve same balloon same piston same reservoir	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:28
S44	5	balloon with (occlud\$3 or occlusion) same piston same reservoir	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:29
S45	14	balloon with (occlud\$3 or occlusion) with fill with fluid	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:30
S46	8	balloon with (occlud\$3 or occlusion) with fill\$3 with control\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:32
S47	7307	balloon with valve	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:34
S48	74	balloon with valve with controller	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:35
S49	5	balloon with valve with controller with adjust\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/01 15:35
S50	1083	137/522,523.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:18
S51	2134	251/65,129.01.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:18
S52	3769	138/43,45,46.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:19
S53	3	137/522,523.ccls. and (heart or atrium or ventricle)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:37
S54	89	138/43,45,46.ccls. and (blood or body fluid)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:45

S55	34	138/43,45,46.ccls. and (blood)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:46
S56	2	138/43,45,46.ccls. and (implant)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 16:59
S57	98	(S50 or S51 or S52) and (blood or cerebral or cerebrospinal or implant)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 17:05
S58	40	("0609062" "2753990" "3166083" "3206160" "3373498" "3883113" "3889687" "3897809" "4289165" "4298038" "4443214" "4552553" "4560375" "4610658" "4615691" "4636194" "4651904" "4673384" "4795437" "5165576" "5167615" "5176627" "5185809" "5342025" "5556011" "5643194" "5692945" "5695093" "5773414" "5884816" "5894856" "6007814" "6126628" "6383160").PN. OR ("7118549").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/18 18:27
S59	49	wilk-\$.inv. and heart and shunt and valve	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 18:56
S60	2200	valve with always open	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 19:13
S61	1443	valve with always (open or ajar) not (closed position)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 19:13
S62	37	valve with always (open or ajar) not (closed position) and (blood or interatrial septum or atrium or ventricle)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 19:14
S63	37	(valve or shunt) with always (open or ajar) not (closed position) and (blood or interatrial septum or atrium or ventricle)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/18 19:19

S64	7083	(shunt or valve or restrictor) with (continuous flow or always open or never clos \$3)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 11:39
S65	427	(shunt or valve or restrictor) with (allow\$3 with continuous flow)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 11:40
S66	42	(shunt or valve or restrictor) with (allow\$3 with continuous flow) and (blood or implant or cerebral or cerebrospinal)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 11:40
S67	34	dprd	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 16:04
S68	6	differential pressure regulation device	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 16:05
S69	1026	(600/16).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/03/19 16:06
S70	122	600/16.ccls. and (shunt or valve) and (always open or continuous flow or never clos \$3)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 16:07
S71	0	138/43,45,46.ccls. and (cerebral or cerebrospinal)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 16:18
S72	17	138/43,45,46.ccls. and (artery or heart or ventricle or atrium)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 16:18
S73	5	137/455,81.1,15.21-15.26. ccls. and (restrict\$3 with flow) and (blood or body fluids) and valve	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 17:43
S74	22	("0396950" "0949734" "3098502" "3220517" "3362508" "3441053" "3789872" "3942551" "4064977" "4112977" "4190078" "4330006" "4335644" "4407397").PN. OR ("4601309").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 17:44
S75	7	("3362508" "3672474").PN. OR ("4407397").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 17:46

S76	226	vortex valve	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 17:47
S77	5	vortex valve and blood	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/03/19 17:48
S78	134	("4625712" "4662355" "4704121" "4779614" "4846152").PN. OR ("4995857").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 17:52
S79	415	("20010000041" "20010004683" "20010004690" "20010004699" "20010008969" "20010012948" "20010014813" "20010016700" "20010018596" "20010020172" "20010025643" "20010027287" "20010029385" "20010034547" "20010037086" "20010037117" "20010037149" "20010039426" "20010039445" "20010041902" "20010044631" "20010047165" "20010049523" "20010053932" "20020002349" "20020004662" "20020004663" "20020007138" "20020019629" "20020029079" "20020032476" "20020049486" "20020058897" "20020062146" "20020065478" "20020072699" "20020077566" "20020077654" "20020092535" "20020092536" "20020095111" "20020095206" "20020100484"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/03/19 18:38

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"6039721"	"6042581"
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"6080170"	"6092526"
"6093166"	"6093177"
"6093185"	"6095997"
"6102941"	"6106538"
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"6117165"	"6120520"
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"6159225"	"6162245"
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"6168614"	"6171251"
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"6197324"	"6200311"
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"6214041"	"6217527"
"6217549"	"6217575"
"6221049"	"6223752"
"6224584"	"6231546"
"6231551"	"6231568"
"6231587"	"6235000"
"6237607"	"6238406"
"6241667"	"6245102"
"6248112"	"6250305"
"6251079"	"6251104"
"6251116"	"6251418"
"6253768"	"6253769"
"6254564"	"6258052"
"6258119"	"6261304"
"6283951"	"6283983"
"6285903"	"6287317"
"6290709"	"6290719"

		"6290728" "6293955" "6302875" "6302892" "6306125" "6309370" "6322548" "6329348" "6330884" "6331527" "6350248" "6361519" "6363938" "6363939" "6375615" "6379319" "6387119" "6390098" "6395208").PN. OR ("6402719" "6402740" "6406488" "6406491" "6409697" "6409751" "6416490" "6416510" "6423089" "6432119" "6432126" "6432127" "6432132" "6443158" "6443949" "6447522" "6447539" "6454760" "6454794" "6458092" "6458140" "6458323" "6464709" "6475226" "6475244" "6482220" "6491689" "6491707" "6508825" "6511458" "6514217" "6514271" "6517527" "6517558" "6524323" "6544230" "6559132" "6561998" "6565528" "6565555" "6565594" "6569145" "6569147" "6575168" "6579311" "6582444" "6599304" "6605053" "6605113" "6610100" "6613081" "6616675" "6638237" "6638247" "6638293" "6641610" "6651670" "6652540" "6652546" "6655386" "6660003" "6660024" "6669709" "6685648" "6694983" "6709425" "6709444" "6719770" "6726677" "6746464" "6774278" "6786929" "6802858" "6808498" "6830568" "6863684" "6881199" "RE37463").PN. OR ("7294115").URPN.				
S80	193	623/2.2,1.26.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/28 15:49

S81	961	(604/8).CCLS.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/12/28 15:49
S82	185	137/15.22-15.25.ccls.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/28 15:49
S83	934	(shunt or valve) with (septum) same (atria or atrium or ventricle)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/28 16:48
S84	801	(shunt or valve) with (septum) with (atria or atrium or ventricle)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/28 16:48
S85	600	(shunt or valve) with (septum) with (atria or atrium)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/28 16:48
S86	6	(shunt or valve) with (septum) with (atria or atrium) same (pressure with (control\$4 or regulat\$3 or adjust\$3))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2009/12/28 16:49
S87	2	("6458153").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/12/28 17:07
S88	2	("6641610").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/12/28 17:08
S89	4	("3874388").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/12/28 17:09
S90	305	("2493326" "2799273" "3334629" "3397699" "3540431" "3574865" "3592184" "3671979" "3675639").PN. OR ("3874388").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/12/28 17:09
S91	2	("4787886").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2009/12/28 17:21
S92	9	137/81.1.ccls. and (heart or blood)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2011/08/19 17:51

S93	209	623/1.26.ccls. and (heart or blood)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2011/08/19 17:52
S94	57	623/1.26.ccls. and (heart or blood) and pressure near2 (difference or differential or drop)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2011/08/19 17:53
S95	15	("4979955" "4995857" "5662711" "20020165606" "4601309" "5334217" "5795307").PN.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2011/08/19 18:17
S96	1	10/597666	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2011/08/19 18:30

EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	(shunt and pressure differential and flow regulating and flow rate and first).clm.	US-PGPUB; USPAT; UPAD	ADJ	ON	2011/09/08 16:55

9/ 8/ 2011 4:56:08 PM

C:\ Documents and Settings\ ssu1\ My Documents\ EAST\ Workspaces\ 10597666.wsp